

## **19-9 Drainage Systems**

Surface water runoff drainage systems shall be designed to handle all runoff generated within the subdivision by a ten-year storm and routing of water generated by a 100 year storm will be provided. Such systems shall be designed and installed by the developer according to the Construction Specifications for Morgan County. Detention/retention storage shall be designed so that the developed peak storm discharge does not exceed the pre-developed peak storm discharge in the 10-year event. In no event shall storm drainage be discharged into an irrigation ditch without prior written approval of the irrigation company.

The developer shall take all necessary measures to prevent eroded soils and sediments from discharging from a construction site. For all sites disturbing more than one (1) acre, a copy of the applicants Storm Water Pollution Prevention Plan (SWPPP) and a copy of the Utah Pollutant Discharge Elimination System (UPDES) permit shall be submitted to the Morgan County Engineer for approval prior to construction. All storm drainage systems, including storm water detention/retention, shall be cleared of all silt/sediments prior to final release of the Subdivider's surety.